

RUNE

Appl. No. 09/638,858

June 14, 2004

REMARKS/ARGUMENTS

Favorable reexamination of the captioned application is respectfully requested.

A. SUMMARY OF THIS AMENDMENT

By the current amendment, Applicants:

1. Editorially amend the specification.
2. Propose corrections to Fig. 5 and Fig. 7.
3. Add new independent claims 7, 9 and 11, and claims 8, 10, and 12 dependent thereon.
4. Respectfully traverse all prior art rejections.

B. THE PROPOSED DRAWING CHANGES

Applicant proposes to amend Fig. 5 and Fig. 7 so as to reverse the directions of arrows 5-1 and 7-1, respectively. That arrow 5-1 should point leftward and arrow 7-1 should point leftward is clear from the original disclosure, e.g., from page 10, lines 14 – 15 and page 10, lines 30 – 31, respectively. It is respectfully requested that the Proposed Drawing Changes be approved.

C. THE NEW CLAIMS

New independent claims 7, 9, and 11 resemble original independent claims 1, 3, and 5, respectively, but further specify that the signaling is between radio network controller nodes, and that the signaling is for a routing area update request message for a user equipment unit which is in a low activity state. That the signaling is between RNC nodes is understood, e.g., from Fig. 4, Fig. 6, and Fig. 8 and discussions thereof. That the signaling is for a routing area update request message for a user equipment unit which is in a low activity state is manifest throughout the specification, including but not limited to page 7, lines 2 – 17 and 24 – 30. The new dependent claims 8, 10, and 12 correspond to original dependent claims 2, 4, and 6, respectively.

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D. PATENTABILITY OF THE CLAIMS

Claims 1, 3, and 5 stand rejected under 35 USC §102(e) as being anticipated by US Patent 6,404,754 to Lim. Claims 2, 4, and 6 stand rejected under 35 USC §103(a) as being unpatentable over Lim in view of US Patent 6,216,004 to Tiedemann. All prior art rejections are respectfully traversed for at least the following reasons.

In alleging anticipation, the office action repetitively points only to col. 4, lines 18 – 20 of US Patent 6,404,754 to Lim. Applicant fails to understand how the cited passage of Lim, or any other portion of Lim, constitutes an anticipation. The entire paragraph of the cited passage merely states that:

The mobile switching center 500 also includes a visitor location register (VLR) 520 which stores therein the numbers of PCTI and IMIS of the mobile station 100 or 200 registered in its own area, and manages the corresponding internet protocol, if it has the MIP or UTP, and information on the PDGN 600 of the foreign agent and on the PDGN 600 of the home agent, and a packet router 510 for transferring the packet data between the RNC 400 or 410 and the PDGN 600 and packet signal processing data between terminal nodes.

Lim's node which does a "storing" in the cited passage is mobile switching center 500, which is not a radio access node and not a radio network controller node. Rather, the mobile switching center 500 is a core network node.

Further, Lim does not appear to concern routing area structure, and certainly not an overlapping routing area which comprises a cell controlled by a first radio network controller and a cell controlled by another of the plural radio network controllers. Nor does Lim address inter-RNC communications for a routing area update. Thus, Lim does not address the problems solved by Applicant's disclosure.

The secondary reference, US Patent 6,216,004 to Tiedemann, appears to be of no avail for the rejection. The cited passages of US Patent 6,216,004 to Tiedemann (col. 20, lines 52 – 57 and col. 21, lines 13 – 22) do not appear even to concern messages between

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radio network controllers. Instead, the communications referenced in the cited passages of Tiedemann appear to concern base stations.

The applied references are even more deficient with respect to the new independent claims, which require that the signaling be between radio network controller nodes, and that the signaling be for a routing area update request message for a user equipment unit which is in a low activity state. Applicant finds no teaching or suggestion of the additional features of the new independent claims in either applied reference.

In view of the foregoing and other considerations, the Examiner has ample bases for withdrawing all rejections and allowing all claims. Accordingly, a notice of allowance is earnestly solicited.

E. MISCELLANEOUS

The Commissioner is authorized to charge the undersigned's deposit account #14-1140 in whatever amount is necessary for entry of these papers and the continued pendency of the captioned application.

Should the Examiner feel that an interview with the undersigned would facilitate allowance of this application, the Examiner is encouraged to contact the undersigned.

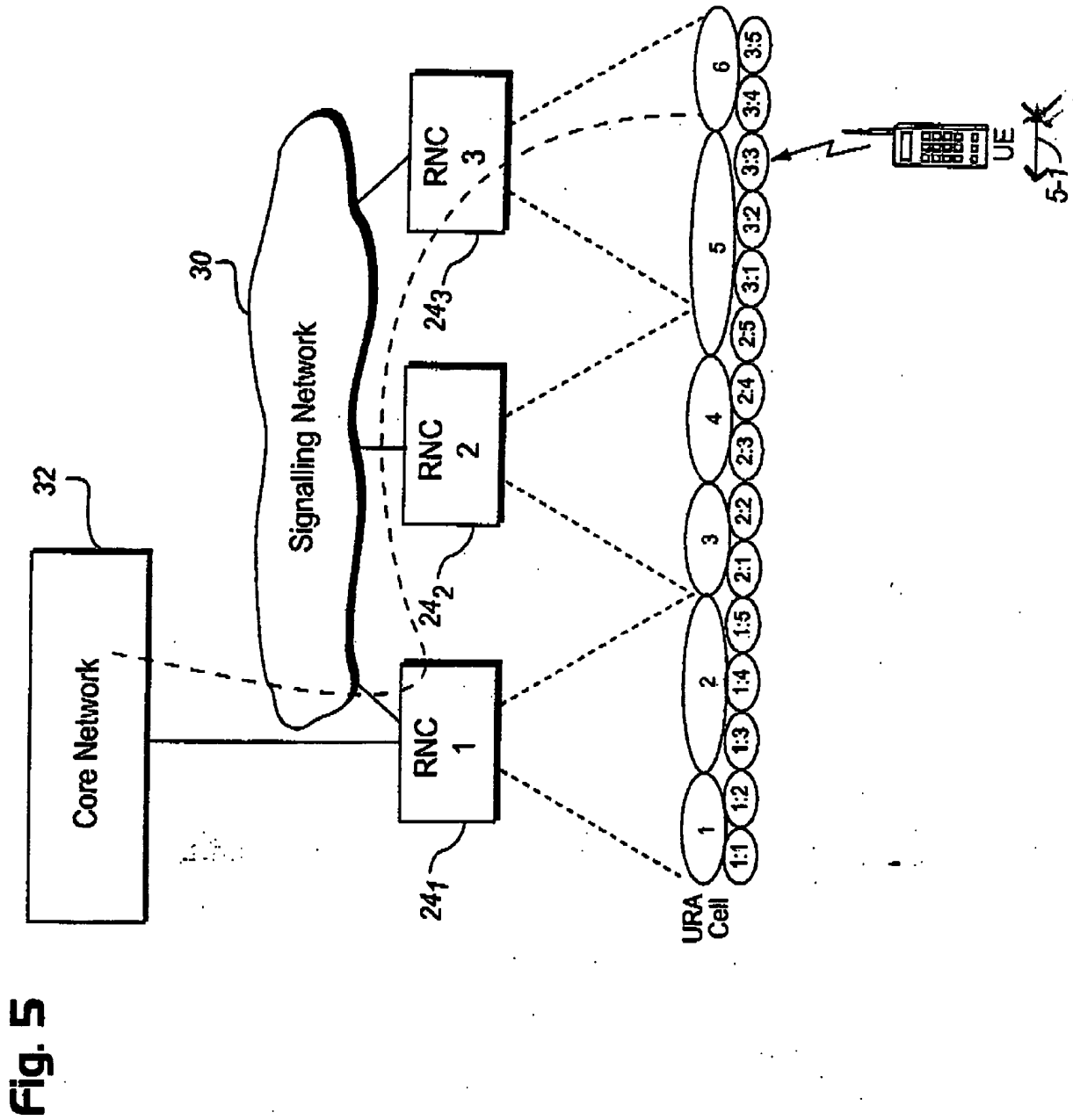
Respectfully submitted,

NIXON & VANDERHYE P.C.

By: 
H. Warren Burnam, Jr.
Reg. No. 29,366

HWB:ish
1100 North Glebe Road, 8th Floor
Arlington, VA 22201-4714
Telephone: (703) 816-4000
Facsimile: (703) 816-4100

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